

AGL-847
MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION

PRODUCT NAME: **AGL-847**
MANUFACTURER: **Charter Chemical, Inc.**
P.O. Box 445412
Atlanta, GA 31145
BUSINESS TELEPHONE NUMBER: 770/466-1035
EMERGENCY TELEPHONE NUMBER: Call ChemTel - 1-800-255-3924
DATE PREPARED: August 96
CAS CHEMICAL NAME: Mixture SYNONYMS: None INTENDED USE: Algaecide for cooling towers.

SECTION 2 - INGREDIENTS

CAS Number and Chemical Name	max % TWA ppm	OSHA STEL ppm	PEL ppm	ACGIH		TLV
				TWA ppm	STEL	
POTASSIUM N-METHYLDI- THIOCARBAMATE 137 41 7	10.15	NE	NE	NE	NE	NE
DISODIUM CYANODI- THIOIMIDOCARONATE 13893 2	7.35	NE	NE	NE	NE	NE

The identity of the individual components of this mixture is proprietary information and is regarded to be a trade secret. In the event of a medical emergency, the identity of all of the components will be divulged to a qualified health professional. In addition, other substances not "Hazardous" per this OSHA Standard may be listed.

SECTION 3 - HEALTH HAZARDS

EMERGENCY OVERVIEW

HMIS HEALTH RATING 1 FLAMMABILITY 0 REACTIVITY 1

Clear, red/ yellow liquid with sulfurous odor. Keep out of reach of children. Not for internal use. Exercise reasonable care and precaution when using or storing product in the home. Read product label for additional information.

ROUTES OF EXPOSURE: Skin / Eyes

SIGNS AND SYMPTOMS OF EXPOSURE (Acute effects): Prolonged contact is irritating to skin and eyes.

EXPOSURE STANDARDS:

-OSHA Permissible Exposure Limit (PEL): Not Established. No OSHA PEL.

-ACGIH Threshold Limit Value (TLV): Not Established. No ACGIH TLV.

HEALTH HAZARDS: Prolonged exposure to concentrated fumes may cause irritation, nausea .

SIGNS AND SYMPTOMS OF EXPOSURE (Long term effects studied): Not established.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

ACUTE TOXICITY EFFECTS DATA: Inhalation (Rat) LC 50: Not Established.

OTHER ACUTE EFFECTS: None known

CHRONIC/SUBCHRONIC DATA: None known.

SECTION 4 - **FIRST AID**

EYE CONTACT: Immediately flush eyes with plenty of water for at least 5 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists.

SKIN CONTACT: Wash skin with soap and water. If clothing is soaked, remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if an irritation appears.

INHALATION: Remove victim to fresh air; remove material from closed area.

INGESTION: Call poison control. Give 1 to 2 glasses of water and induce vomiting by sticking finger down throat. Get medical attention immediately.

SECTION 5 - **PHYSICAL AND CHEMICAL PROPERTIES**

PHYSICAL FORM: Liquid
COLOR: Clear, tinted to color
ODOR: sulfurous
TYPICAL PHYSICAL DATA:
SOLUBILITY IN WATER: Infinite in water
SPECIFIC GRAVITY (Water = 1): 1.11
EVAPORATION RATE (Butylacetate = 1): No Data

EXTINGUISHING MEDIA: If involved in a fire, use water fog, dry chemical, CO2.

SPECIAL FIRE FIGHTING PROCEDURES: None known.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION 6 - **REACTIVITY HAZARD DATA**

CHEMICAL STABILITY: Stable [X] Unstable []

CONDITIONS TO AVOID (If unstable): None.

INCOMPATIBILITY (Materials to Avoid): not established.

HAZARDOUS DECOMPOSITION PRODUCTS (from burning, heating, or reaction with other materials): Burning may liberate sulfurous fumes.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID (if may occur): Do not premix with other chemicals.

SECTION 7 - **SPILL, LEAK AND DISPOSAL INFORMATION**

CLEAN UP PROCEDURES: SMALL SPILLS: Flush with water or soak up with a suitable absorbent
LARGE SPILLS: Not applicable.

OTHER EMERGENCY ADVICE: Not applicable.

WASTE DISPOSALS: Sanitary landfill in accordance with local, state and federal regulations and consistent with good ecological practices.

REPORTABLE QUANTITY (RQ)(CWA/CERCLA): Not Applicable.

SECTION 8 - PROTECTIVE MEASURES

EYE PROTECTION: Splash proof goggles if handling methods warrant them.

SKIN PROTECTION: Chemical resistant gloves.

RESPIRATORY PROTECTION: Local exhaust when in concentrated form.

WORK AND HYGIENIC PRACTICES: Exercise reasonable care and precaution. Read product label for additional information.

SECTION 9 - STORAGE AND HANDLING

STORAGE: Keep in original container, stored in a cool, dry, ventilated area. Protect from physical damage.

HANDLING: When handling, exercise reasonable care and precaution. Keep out of reach of children. Product is not for internal use. Do not premix with other chemicals.

OTHER PRECAUTIONS: Carefully read all instructions on label before handling this product. Keep out of reach of children.

SECTION 10 - FIRE AND EXPLOSION DATA

CHARACTERISTICS:

Flash Point: (Closed Cup) non flammable

Upper Explosion Limit (UEL): NA

Lower Explosion Limit (LEL): NA

Autoignition Temperature: NA

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